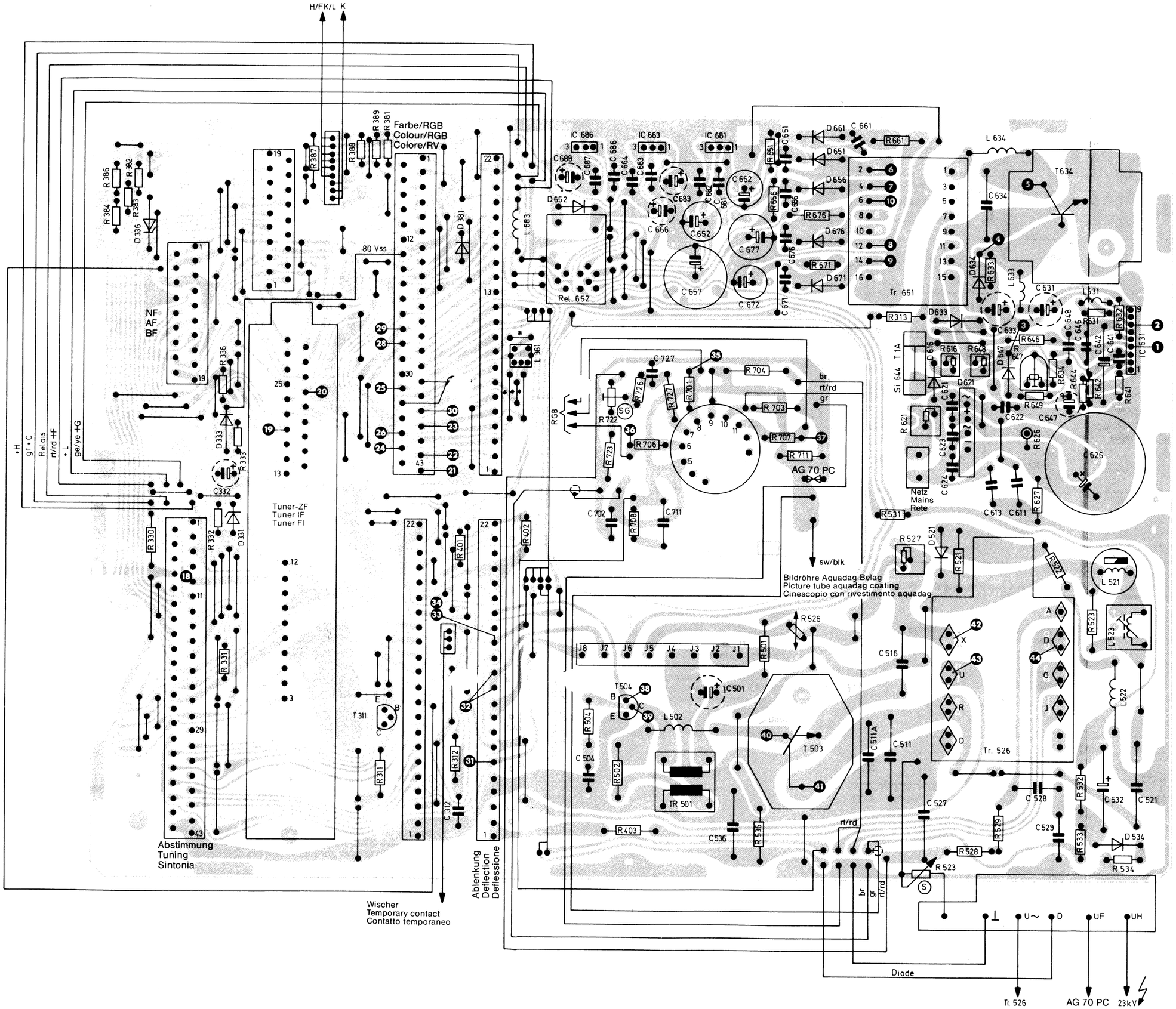
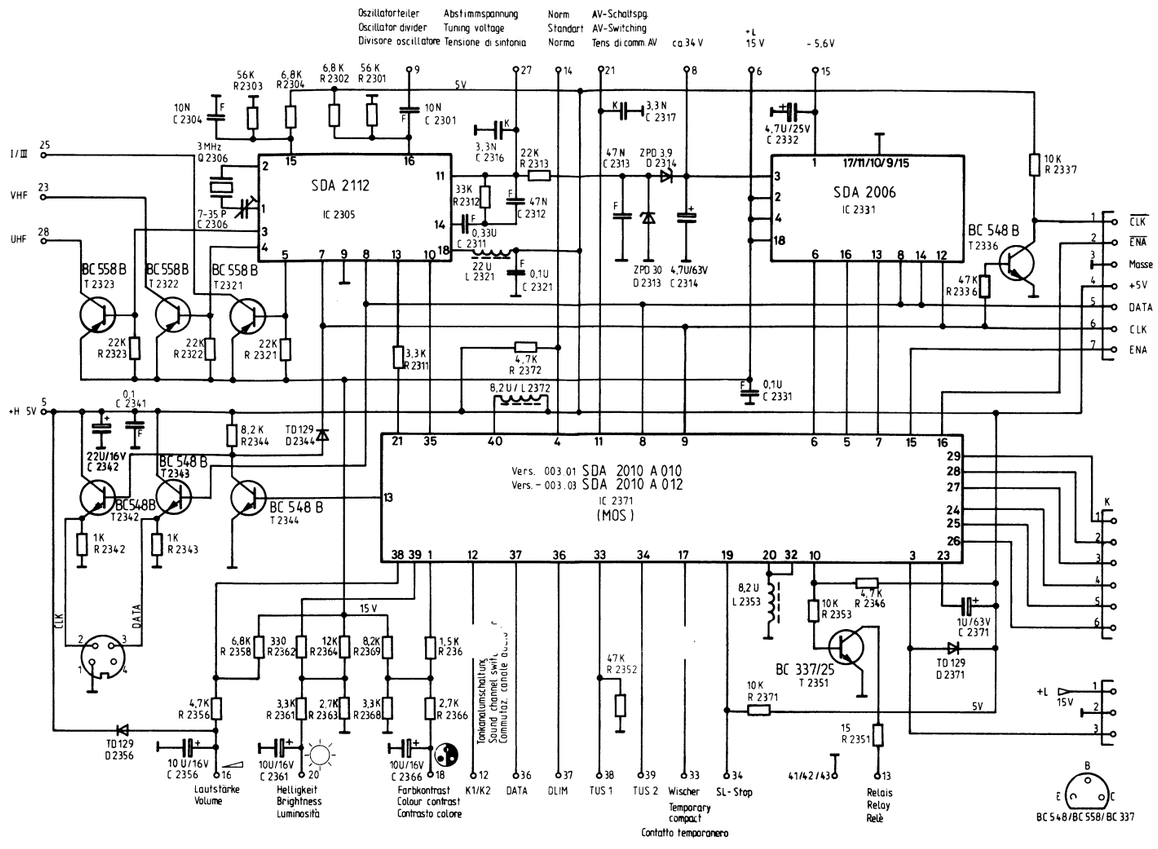
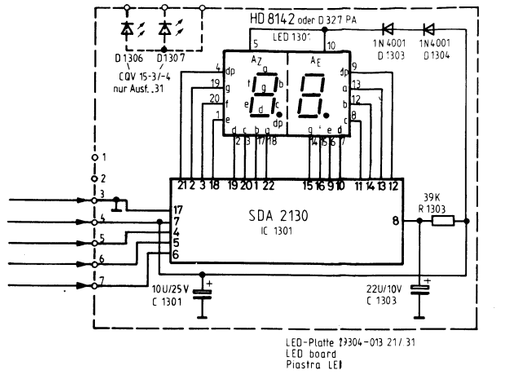
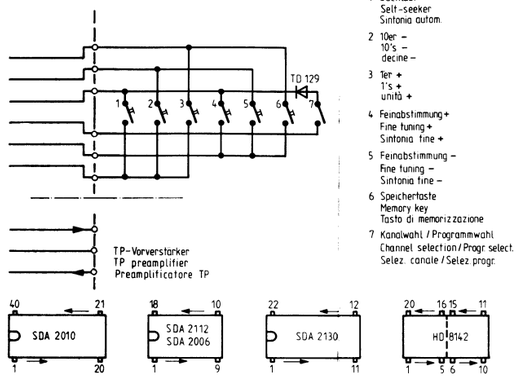

H/F K/L K
Farbe/RGB
Colour/RGB
Colore/RV
80 Vss
NF
AF
BF
+H
gr+C
Relais
rt/rd +F
+L
ge/ye +G
Tuner-ZF
Tuner IF
Tuner FI
Abstimmung
Tuning
Sintonia
Wischer
Temporary contact
Contatto temporaneo
Ablenkung
Deflection
Deflessione
Rel. 652
Tr. 651
Tr. 526
AG 70 PC
Netz
Mains
Rete
Si 644 T1A
Bildröhre Aquadag Belag
Picture tube aquadag coating
Cinescopio con rivestimento aquadag
sw/blk
br
rt/rd
gr
Diode
U~
D
UF
UH
23kV
I/III
VHF
UHF
+H 5V
CLK

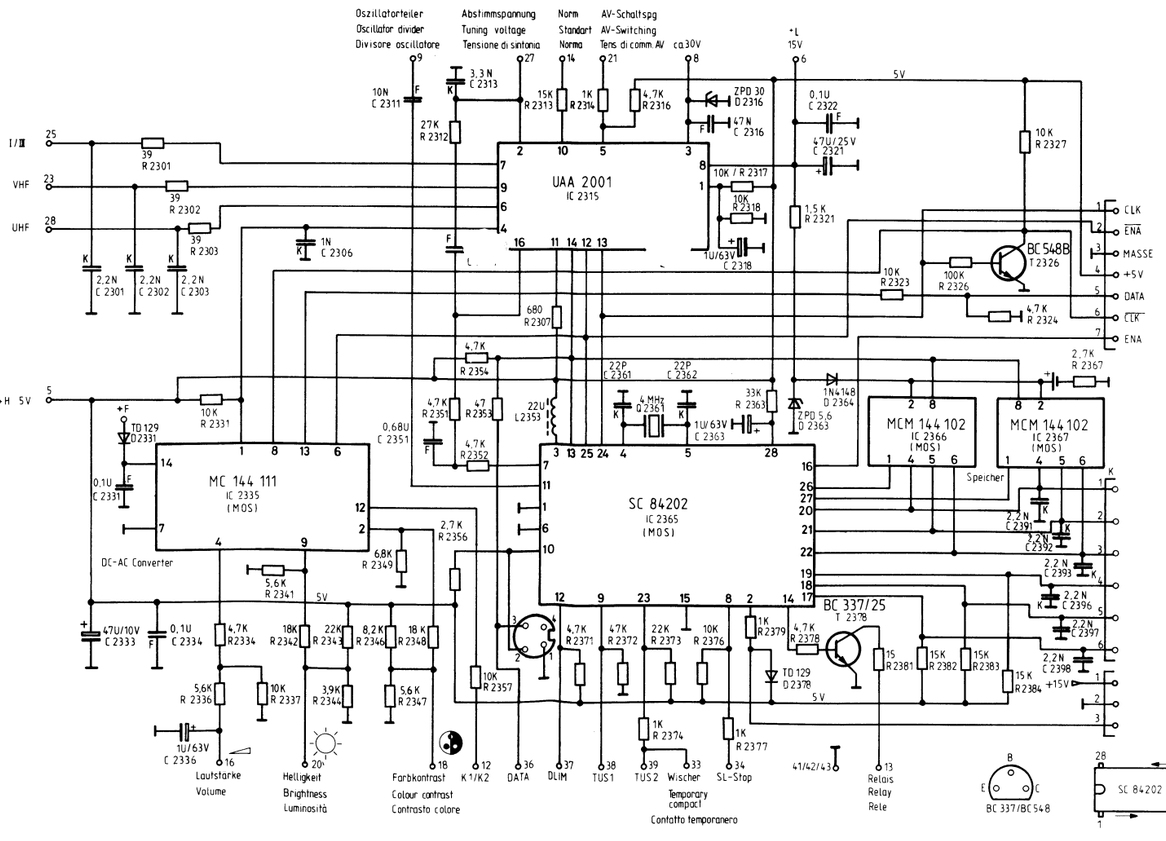


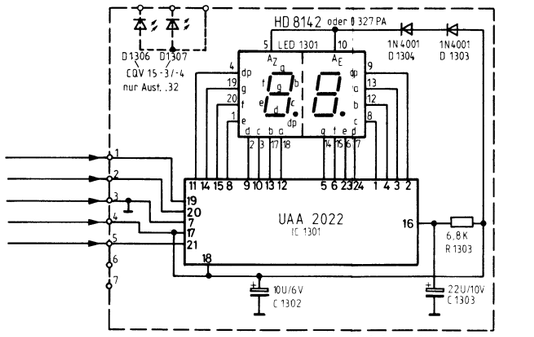


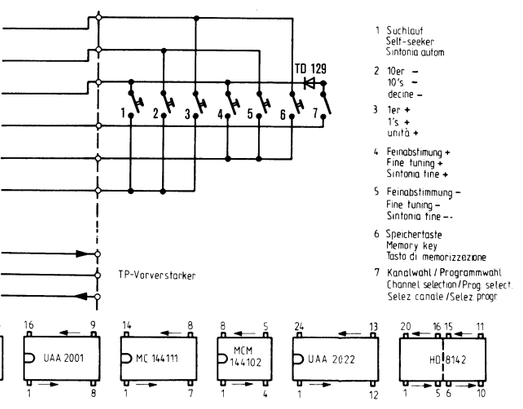


Abstimmung 29504-003.01/.03
Tuning
Sintonia

Kein Anpassungsabgleich bei Austausch der Steckkarte notwendig
When replacing the plug-in board, no alignment is necessary
No è necessaria nessuna taratura di adattamento dopo la sostituzione di una scheda ad innesto







GRUNDIG

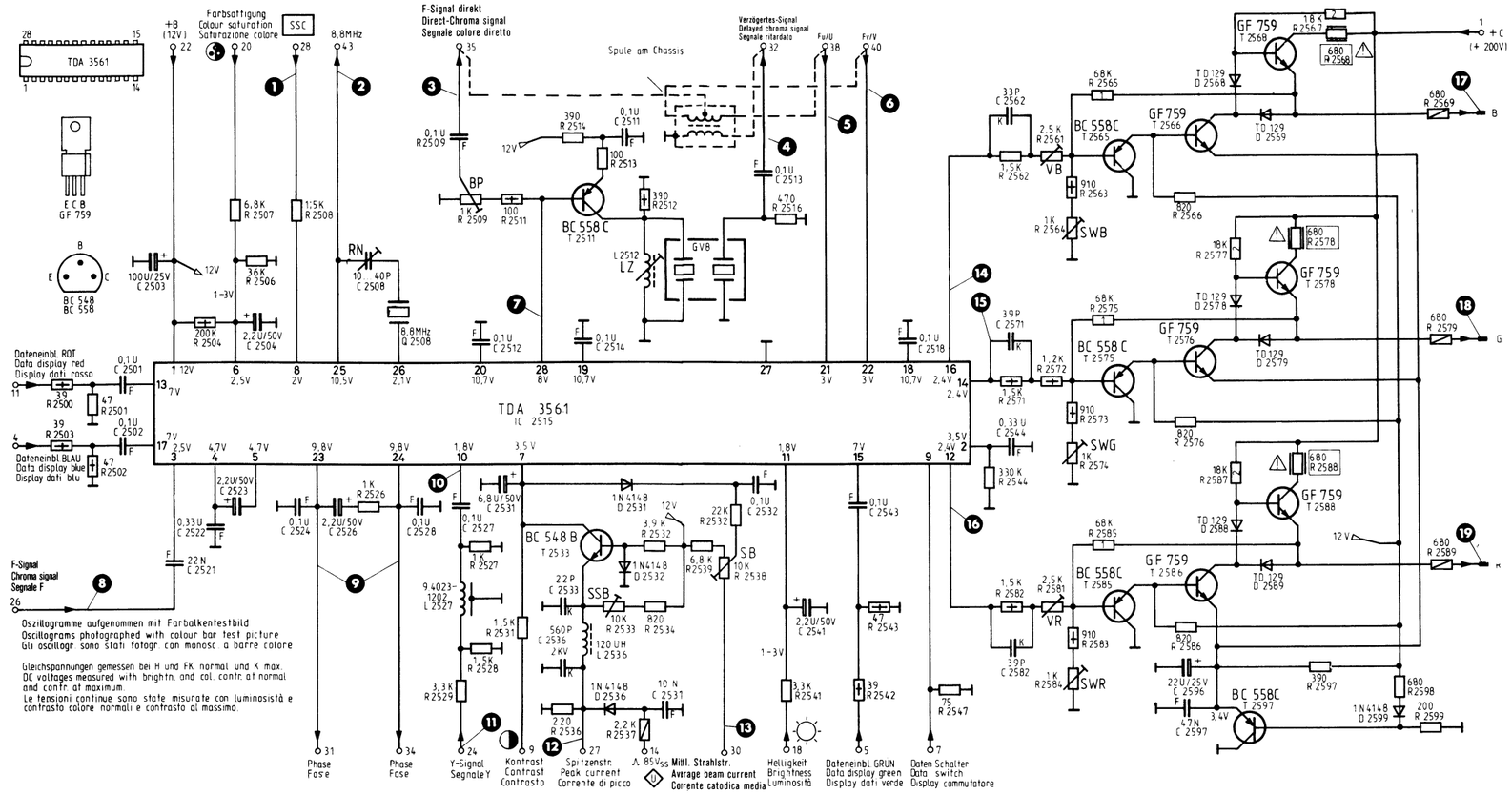
CUC 220 90° TP

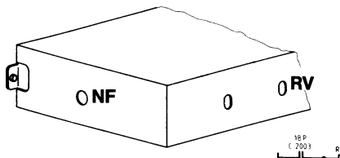
Super Color A 3402/5 It/Kt/GB-UHF/VHF	(24589)
Super Color A 3412/5	(24633)
Super Color A 4402/5 It/KT/SK/GB-UHF/VHF	(24585)
Super Color A 5402/5 It/KT	(24583)
Super Color A 6400/2/3/4/7 It/KT/SK/GB-UHF/VHF	(24576)*
Super Color A 6410/2/3/4 GB-UHF/VHF	(24578)*
Super Color A 7400/2/3/7 It/VT/SK/GB-UHF/VHF	(24603)*
Super Color A 7401/2/3 W/KT	(24646)*
Super Color A 7410/2/3 KT/GB-UHF/VHF	(24565)*

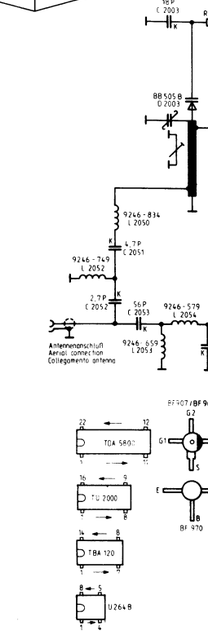
* Mit Hochtonlautsprecher LS_2
With tweeter LS_2
Con altoparlante per toni acuti LS_2

Teil 2
part 2
parte 2

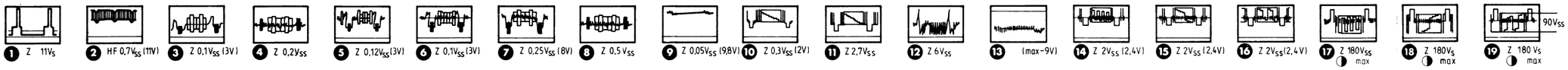
150981St 22823/III 24589-942.00







Farbe/RGB 29504-005.21
Colour/RGB
Colore/RV



Anpassungsabgleich bei Austausch der Steckkarte
Matching alignment necessary when replacing the plug-in board
Taratura di adattamento dopo la sostituzione di una scheda ad innesto

Farbe/RGB
Colour/RGB
Colore/RV

1) Sperrpunktabgleich (FuBK-Testbild)
Katodenstecker abziehen, ◑ auf Mitte, ☼ auf Mitte, ◔ auf Null. Mit VB- und VR-Reglern alle 3 Katodensignale auf gleiche Signalamplituden einstellen. Mit SW-Reglern Rücklaufniveau auf 180 V einstellen. Katoden wieder anstecken.
◑ auf Minimum, ☼ soweit zurückdrehen, daß das Spitzenweißfeld 160 V beträgt. SG-Regler soweit aufdrehen, daß das Spitzenweißfeld gerade sichtbar wird. SW-Regler der nicht sichtbaren Farben soweit nachstellen, daß das Spitzenweißfeld weiß erscheint.
2) Weißabgleich (FuBK-Testbild)
Bei ☼ -Mitte, ◑ -Maximum und ◔ -Minimum kontrollieren, ob SW-Treppe Einfärbungen zeigt und ggf. mit V-Reglern korrigieren.
Sperrpunktabgleich kontrollieren und ggf. gemäß 1 wiederholen.

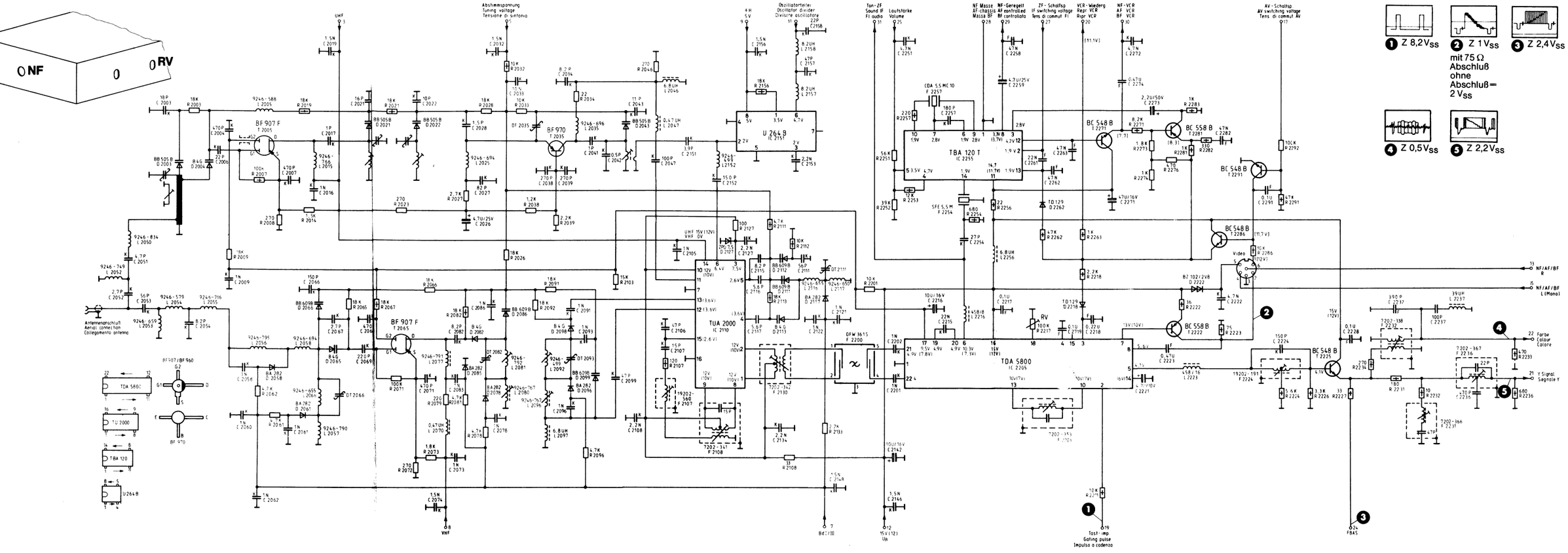
1) Cut-off point adjustment (colour bar test pattern).
Disconnect cathode leads ◑ to centre, ☼ to centre, ◔ to min. Adjust the R, G, B output signals for equal amplitude with the VB and VR controls. Set line flyback levels to 180 V with SWR, SWG and SWB controls. Reconnect cathode leads.
Set ◑ to min and reduce ☼ until the peak white level is 160 V. Advance SG control until peak white bar is just visible (may be tinted). Readjust SWR, SWG and SWB to remove tinting.
2. White level adjustment (colour bar test pattern).
Set ☼ to centre ◑ to maximum and ◔ to minimum. Adjust VR and VB controls to remove tinting from peak white. Check and, if necessary, readjust cut-off point as under 1).

1) Taratura del punto di blocco (monoscopio FuBK)
Staccare i connettori dai catodi, portare al centro il contrasto ◑ e la luminosità ☼ e portare a zero il contrasto colore ◔. Regolare i segnali dei 3 catodi alla stessa ampiezza mediante i regolatori VB e VR. Regolare il livello di ritorno su 180 V con i regolatori SW. Riporre i connettori sui catodi.
Portare a minimo il contrasto ◑ e diminuire la luminosità ☼ fino a che il valore bianco di picco sia di 160 V. Aprire il regolatore SG fino a che il campo del bianco di picco incomincia a rendersi visibile. Ritoccare tanto i regolatori SW dei colori non resi visibili da far si che il campo del bianco di picco appaia bianco.
2) Taratura del bianco (monoscopio FuBK)
Con luminosità ☼ al centro, contrasto ◑ al massimo e contrasto colore ◔ al minimo controllare se la scala dei grigi, dal nero al bianco, mostra delle macchie di colore ed eventualmente correggerla con i regolatori V.
Controllare la taratura del punto di blocco ed eventualmente ripeterla come riportata al punto 1.

Hinweis für den
Bei Ausfall von S
Mikroplanfilm sin

Information for
For replacing a c
service. Howeve

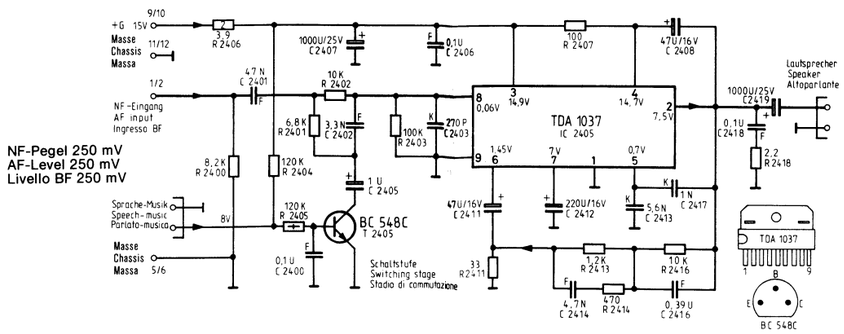
Avvertenza per i
In caso di sched
Servizio permuta
microfilm corred



Hinweis für den Fachhandel in Deutschland!
Bei Ausfall von Steckkarten empfehlen wir grundsätzlich unseren Austauschdienst. Auf Mikroplanfilm sind hierfür aber auch Serviceanleitungen erhältlich.

Information for dealers in Germany!
For replacing a defective plug-in board, we recommend you to contact our exchange service. However, service instructions on micro-film are also avialable.

Avvertenza per i rivenditori tedeschi specializzati!
In caso di schede ad innesto difettose consigliamo in primo luogo di rivolgersi al nostro Servizio permuta. Comunque, per riparazioni di propria iniziativa, sono a disposizione microfilm corredati di istruzioni di servizio.



NF 29504-004.21
AF
BF

Spannungsangaben bei Betrieb mit $U_B = 15$ V.
Voltage values on operation at $U_B = 15$ V.
Valori di tensione con tensione di funzionamento $U_B = 15$ V.

Spannungsangaben Bei VCR-Betrieb in eckiger Klammer [ ].
Voltage values on VCR operation in brackets [ ].
Valori di tensione con funzionamento VCR in parentesi quadre [ ].

Abweichende Spannungen bei Betrieb r
$U_B = 12$ V in runder Klammer ( ).
Deviating voltages on operation at $U_B = 12$ V in parentheses ( ).
Valori di tensione divergenti con tensione di funzionamento $U_B = 12$ V in parentesi tonde ( ).

Kabel-Tuner 29504-001.71
Cable TV Tuner
Tuner TV cavo

Anpassungsabgleich bei Austausch der Steckkarte
Matching alignment necessary when replacing the plug-in board
Taratura di adattamento dopo la sostituzione di una scheda ad innesto

RV
Normtestbild auf möglichst hohen UHF Kanal legen. HF sollte mind. 2 mV betragen (rauschfreies Bild), Regler in Richtung Rechtsanschlag drehen, bis das Bild zu rauschen beginnt, dann wieder zurückdrehen bis das Bild gerade rauschfrei wird.

Feed is standard test pattern on the highest possible UHF-channel. RF signal should be at least 2 mV (noise free picture). Turn the control in the direction of the right hand stop until the picture just becomes noisy then turn back until the picture adjust becomes noise free.

Collegare un monoscopio a piacere secondo norma sul canale UHF piu alto possibile. Il segnale AF dovrebbe essere di almeno 2 mV (immagine senza fruscio), portare il regolatore in direzione battuta destra fino a che sull'immagine incomincia ad apparire il fruscio, riportare il regolatore indietro fino a che sull'immagine incomincia appunto a scomparire il fruscio.